

Docket No. 244295US0CONT/shb



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Tomoko MAEDA, et al.

SERIAL NO: 10/691,654

GAU:

FILED: October 24, 2003

EXAMINER:

FOR: METHODS FOR ISOLATION OF OSTEOCLAST PRECURSOR CELLS AND INDUCING THEIR DIFFERENTIATION INTO OSTEOCLASTS

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

**REFERENCES**

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**RELATED CASES**

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**CERTIFICATION**

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

**DEPOSIT ACCOUNT**

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

Norman F. Oblon

Registration No. 24,618

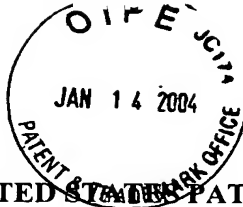
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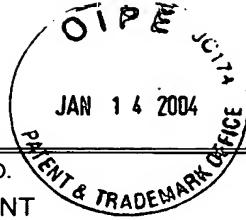
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Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 244295US0CONT		SERIAL NO. 10/691,654	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Tomoko MAEDA, et al.			
				FILING DATE October 24, 2003		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AO	WO 93/08268	04/29/1993	WIPO			
	AP	WO 92/18615	10/29/1992	WIPO			
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW	L. E. PURTON, et al., Blood, vol. 87, no. 5, pages 1802-1808, "NORMAL HUMAN PERIPHERAL BLOOD MONONUCLEAR CELLS MOBILIZED WITH GRANULOCYTE COLONY-STIMULATING FACTOR HAVE INCREASED OSTEOCLASTOGENIC POTENTIAL COMPARED TO NONMOBILIZED BLOOD", March 1, 1996					
	AX	T. TAMURA, et al., Proc. Natl. Acad. Sci., vol. 90, pages 11924-11928, "SOLUBLE INTERLEUKIN-6 RECEPTOR TRIGGERS OSTEOCLAST FORMATION BY INTERLEUKIN 6", December 1993					
	AY	H. YASUDA, et al., Proc. Natl. Acad. Sci., vol. 95, pages 3597-3602, "OSTEOCLAST DIFFERENTIATION FACTOR IS A LIGAND FOR OSTEOPROTEGERIN/OSTEOCLASTOGENESIS-INHIBITORY FACTOR AND IS IDENTICAL TO TRANCE/RANKL", March 1998					
	AZ	A. KUKITA, et al., Biochemical and Biophysical Research Communications, vol. 196, no. 3, pages 1383-1389, XP-2916746, "INDUCTION OF MONONUCLEAR PRECURSOR CELLS WITH OSTEOCLASTIC PHENOTYPES IN A RAT BONE MARROW CULTURE SYSTEM DEPLETED OF STROMAL CELLS", November 15, 1993				<input type="checkbox"/> Additional References sheet(s) attached	
Examiner					Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							